

CONTRACT NO / TO NO: N62473-10-D-0808		PROJECT TITLE / LOCATION: Rad Remediation D-1, Phase II / HPNS		ITSI GILBANE PROJECT NO: 07204.0004	
Survey No.: 07204.0004-0959-INF		Date: 7/17/2014		Location: HPNS	
Chris Robbins				Ed Palser	
Tech Printed Name		Signature		RSO Printed Name	
				Signature	

Instrument(s)

Model	Serial	Cal Due Date	Probe Model	Probe Serial	Cal Due Date	BKG α	BKG β	BKG γ	BKG μr/Hr	Eff. α	Eff. β
19	286213	7/27/2014	N/A						5.4	N/A	
N/A											
N/A											

Survey Description / Map /Photo

Survey Unit

F

Trench #:

04-PDT-006

Soil Survey Units

D0018	D0024	D0030	N/A	N/A
N/A				N/A

(D0001 to D0042)

From the Bottom of Trench

Soil Compaction Lift From	0	ft to	1
Soil Compaction Lift From	1	ft to	2
Soil Compaction Lift From	2	ft to	3
Soil Compaction Lift From	3	ft to	4
Soil Compaction Lift From	4	ft to	5
Soil Compaction Lift From	5	ft to	6
Soil Compaction Lift From	6	ft to	7
Soil Compaction Lift From	7	ft to	8
Soil Compaction Lift From	8	ft to	9
Soil Compaction Lift From	9	ft to	10
Soil Compaction Lift From	10	ft to	11

μR/Hr	μR/Hr	μR/Hr	μR/Hr
6	7	7	7
7	6	7	7
7	7	7	6
6	5	7	6
6	6	6	5
N/A	N/A	N/A	N/A
↓	↓	↓	↓

Comments: Informational Survey During Backfill Operation. Dose rates taken at 1 meter above surface to support RESRAD model. Model 19 BKGD from taken from instrument set up sheet.

DATE: 12/11/2013
 DRAWN BY: J. GILBANE
 CHECKED BY: J. GILBANE
 PROJECT: PARCEL D-1, PHASE II
 SHEET: 1 OF 2



Sheet
 reference
 number:
 1 of 2

VERIFY SCALE
 BAR IS ONE INCH ON
 ORIGINAL DRAWING
 IF NOT ONE INCH ON
 THIS SHEET, ADJUST
 SCALE ACCORDINGLY

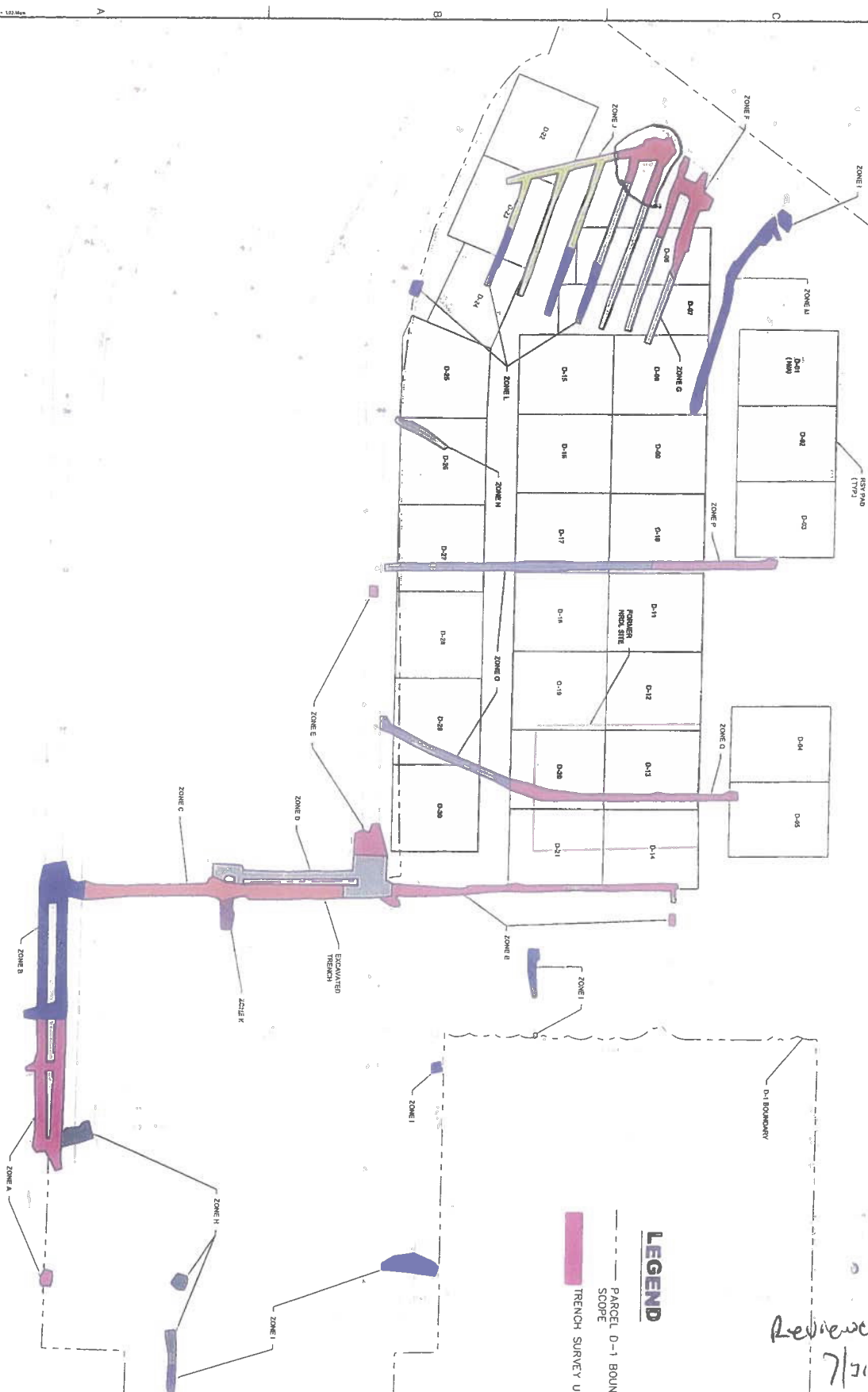
RADIOLOGICAL REMEDIATION AND SUPPORT
 PARCEL D-1, PHASE II
 HUNTERS POINT NAVAL SHIPYARD
 SAN FRANCISCO, CALIFORNIA

AS-BUILT PLANS
 DECEMBER 2013

TRENCH EXCAVATION
 LAYOUT PLAN

TSGilbane
 2730 Shadelands Drive
 Walnut Creek, CA 94598

- LEGEND**
- PARCEL D-1 BOUNDARY
 - SCOPE
 - █ TRENCH SURVEY UNIT



Reviewed
7/1/14
[Signature]

CONTRACT NO / TO NO: N62473-10-D-0808		PROJECT TITLE / LOCATION: Rad Remediation D-1, Phase II / HPNS		ITSI GILBANE PROJECT NO: 07204.0004	
Survey No.: 07204.0004-0959-INF		Date: 7/17/2014		Location: HPNS	
Chris Robbins				Ed Palser	
Tech Printed Name		Signature		RSO Printed Name	
				Signature	

Instrument(s)

Model	Serial	Cal Due Date	Probe Model	Probe Serial	Cal Due Date	BKG α	BKG β	BKG γ	BKG μr/Hr	Eff. α	Eff. β
19	286213	7/27/2014	N/A						5.4	N/A	
N/A											
N/A											

Survey Description / Map /Photo

Survey Unit

F

Trench #:

04-PDT-006

Soil Survey Units

D0018	D00245	D0030	N/A	N/A
N/A				N/A

(D0001 to D0042)

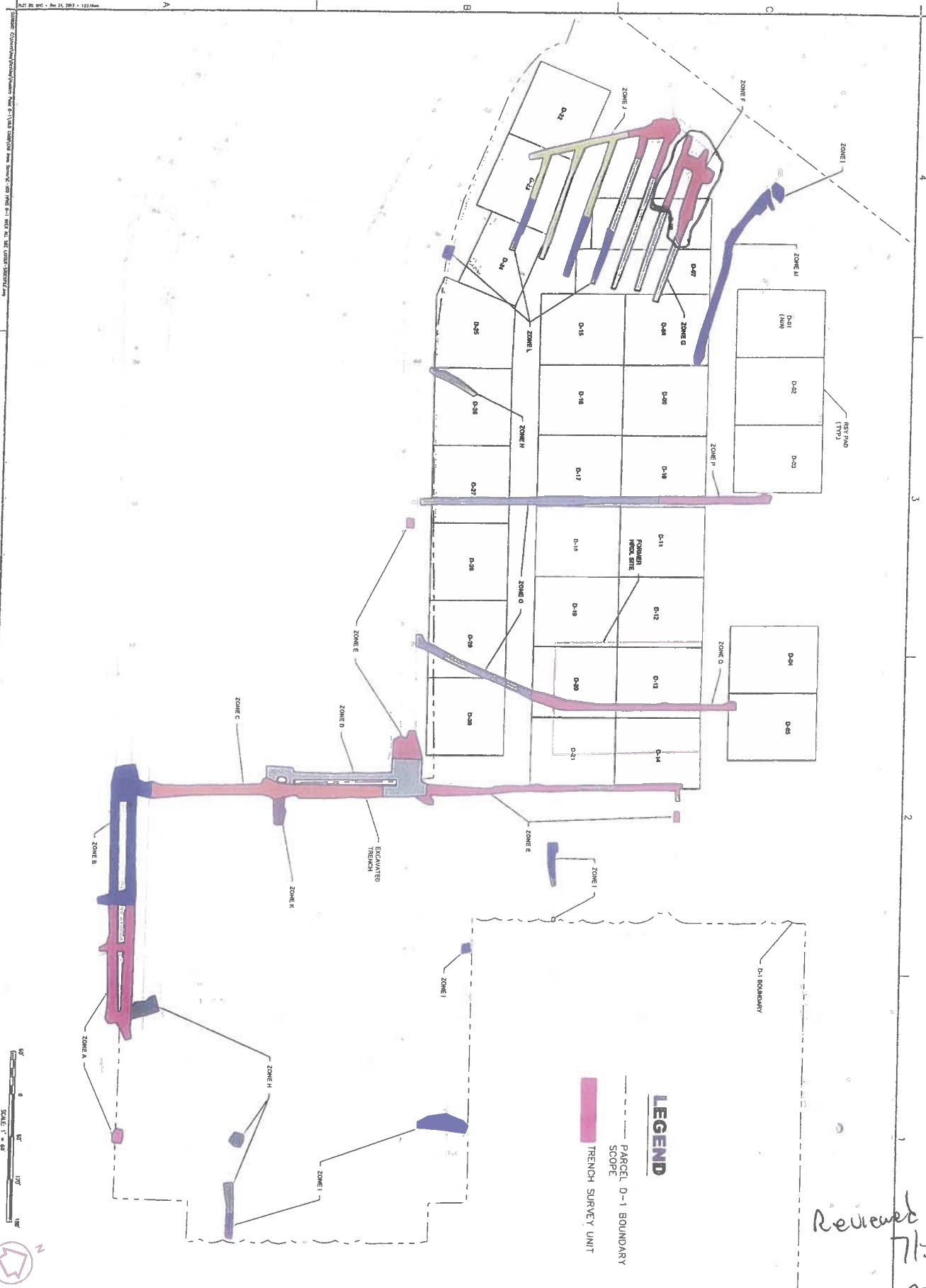
From the Bottom of Trench

Soil Compaction Lift From
Soil Compaction Lift From
Soil Compaction Lift From
Soil Compaction Lift From
Soil Compaction Lift From
Soil Compaction Lift From
Soil Compaction Lift From
Soil Compaction Lift From
Soil Compaction Lift From
Soil Compaction Lift From

0	ft to	1
1	ft to	2
2	ft to	3
3	ft to	4
4	ft to	5
5	ft to	6
6	ft to	7
7	ft to	8
8	ft to	9
9	ft to	10
10	ft to	11

μR/Hr	μR/Hr	μR/Hr	μR/Hr
5	5	6	5
5	5	6	6
5	5	6	5
5	5	6	5
6	7	6	6
N/A	N/A	N/A	N/A
↓	↓	↓	↓

Comments: Informational Survey During Backfill Operation. Dose rates taken at 1 meter above surface to support RESRAD model. Model 19 BKGD from taken from instrument set up sheet.



Reviewed
7/13/14
a

07204.0004-959-trf

Page 4 of 4